| Ind | ΔV | Ωf | ~ | lai | me |
|-----|-----|----|-----|-----|------|
| HIK | ex. | | .,, | aı | 1112 |



Application No.

10/052,406

Examiner

Shih-Chao Chen

Applicant(s)

RAWNICK ET AL.

Art Unit

2821

✓ Rejected= Allowed

(Through numeral)
Cancelled

Restricted

N Non-Elected
I Interference

A Appeal

O Objected

| Cla | aim | Date | | | | |] [| Claim | | | | Date | | | | | | | |
|----------|----------|----------|-------------------|----------|----------|----------|--|--|--------------|----------------|-----|-------|-----------|--------------|---|----------|----------|--------------|-----------------|
| Final | Original | 3/30/04 | | | | | | | | | | Final | Original | | | | | | |
| 1 | 1 | = | | | | | П | | | | | | 51 | | | | | | П |
| 2 | 2 | = | | | | T | Г | | | | 1 1 | | 52 | | | | | | П |
| | 3 | - | | | Г | | | | | | 1 1 | | 53 | | | | Г | | П |
| 3 | 4 | = | | | | | | | | |] [| | 54 | | | | | | |
| 4 | 5 | = | | | | | | | | |] [| | 55 | | | | | | |
| 5 | 6 | = | | | | | L | | | | | | 56 | | | | | | |
| 6 | 7 | Ξ | _ | _ | _ | L. | L | | ļ | <u> </u> | 1 - | | 57 | <u> </u> | | | | | |
| 7 | 8 | = | _ | <u> </u> | | | <u> </u> | | <u> </u> | ļ., | | | 58 | L | | <u> </u> | _ | | Ш |
| 8 | 9 | = | <u> </u> | <u> </u> | - | _ | <u> </u> | <u> </u> | _ | <u> </u> | | | 59 | | | <u> </u> | _ | _ | |
| 9 | 10 | = | ļ | <u> </u> | - | _ | <u> </u> | <u> </u> | <u> </u> | - | | | 60 | | | <u> </u> | | $oxed{oxed}$ | Ш |
| 10 | 11 | = | <u> </u> | <u> </u> | | | - | <u> </u> | <u> </u> | _ | | | 61 | | | | _ | | Ш |
| 11 12 | 12 13 | = | _ | <u> </u> | | _ | | - | H | ┢ | | | 62 | | | _ | | | \vdash |
| 13 | 14 | = | \vdash | \vdash | \vdash | | - | - | ├ | ├- | | | 63 64 | - | | ┡ | - | | |
| 14 | 15 | = | | - | - | ┢ | | \vdash | \vdash | - | 1 | | 65 | _ | | - | \vdash | | Н |
| 15 | 16 | = | | | | | \vdash | ┢ | | \vdash | | | 66 | - | | - | \vdash | \vdash | Н |
| 16 | 17 | = | \vdash | - | | | - | ┢ | | ╁ | 1 | | 67 | | | | H | | Н |
| 17 | 18 | = | - | <u> </u> | | | H | | \vdash | \vdash | | | 68 | _ | | \vdash | \vdash | - | \vdash |
| 18 | 19 | = | | - | | _ | \vdash | \vdash | | H | | | 69 | - | | | | - | Н |
| 19 | 20 | = | \vdash | ┢ | ╁ | _ | | | \vdash | | | | 70 | _ | | \vdash | | \vdash | Н |
| 20 | 21 | = | \vdash | | | | | | <u> </u> | 1 | 1. | | 71 | | | Т | _ | | П |
| 21 | 22 | = | Г | | | | | | 1 | | 1 | | 72 | · | | T | | | П |
| 22 | 23 | = | | | | | Г | | | | 1 1 | | 73 | | | | | | |
| | 24 | | | | | | | l " | | | | | 74 | | | | | | |
| | 25 | | | | L | | L | | | | | | 75 | | | | | | |
| | 26 | | L. | | | | _ | | | L. | | | 76 | | | _ | _ | | |
| <u> </u> | 27 | _ | <u> </u> | L | ļ | _ | _ | _ | <u> </u> | <u> </u> | | | 77 | <u>_</u> | | _ | | | Ш |
| <u> </u> | 28 | _ | <u> </u> | <u> </u> | _ | _ | <u> </u> | <u> </u> | _ | _ | | | 78 | ļ | | _ | | ш | |
| <u> </u> | 29 | ┡ | _ | <u> </u> | <u> </u> | Ь. | <u> </u> | | ⊢ | <u> </u> | | | 79 | | | <u> </u> | | | \vdash |
| - | 30 31 | | H | <u> </u> | _ | _ | _ | | <u> </u> | - | | | 80 | <u> </u> | | L | _ | | \vdash |
| | 32 | <u> </u> | _ | <u> </u> | ├- | ⊢ | ⊢ | ⊢ | | ⊢ | | | 81 | ⊢ | | \vdash | | | \vdash |
| | 33 | \vdash | \vdash | \vdash | - | | | ├ | ├ | ├ | | | 82 83 | \vdash | | \vdash | | - | Н |
| | 34 | \vdash | \vdash | ┝ | ┢ | \vdash | | - | | ┢ | 1 | | 84 | \vdash | | \vdash | \vdash | _ | \vdash |
| - | 35 | | | ┢ | - | - | - | H | | \vdash | | | 85 | \vdash | | | - | H | Н |
| | 36 | | | \vdash | - | - | | | \vdash | ╁ | 1 1 | | 86 | | | - | _ | H | П |
| | 37 | | | _ | - | \vdash | \vdash | 一 | 一 | | | | 87 | - | | - | | \vdash | |
| | 38 | | | | | \vdash | \vdash | | Г | | | | 88 | | | | | | |
| | 39 | | \vdash | | | | 1 | | | _ | 1 | | 89 | | _ | | | \vdash | П |
| | 40 | | | | | | | | Г | | | | 90 | | _ | | | | |
| | 41 | | | | | | | | | \Box | | | 91 | | | Г | | | |
| | 42 | | | | | | | | | | | | 92 | | | | | | |
| | 43 | | | | | | | | | | | | 93 | | | | | | |
| | 44 | | | | | <u> </u> | | _ | L_ | L | | | 94 | | | | | | |
| L | 45 | | | | _ | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | | | 95 | _ | | <u> </u> | | | Ш |
| <u> </u> | 46 | L. | <u> </u> | _ | _ | <u> </u> | <u> </u> | \vdash | _ | <u> </u> | | | 96 | L., | | <u> </u> | _ | | Ш |
| - | 47 | <u> </u> | \vdash | _ | _ | <u> </u> | — | ├ | <u> </u> | | | | 97 | \vdash | | <u> </u> | | | Ш |
| \vdash | 48 | <u> </u> | | - | | ⊢ | ├ | <u> </u> | \vdash | \vdash | } } | | 98 | - | | <u> </u> | H | | $\vdash \vdash$ |
| | 49 50 | | \vdash | - | - | | | ├ | - | - | | | 99 100 | | _ | | _ | | |
| Ь | JU | | | | L | <u> </u> | | L | L | <u>L_</u> | j L | | 100 | | _ | Щ. | | | Ш |

| Claim | | Date | | | | | | | | |
|----------|--|---------------|----------|----------|--------------|-------------------------------------|--------------|--------------|----------|-----------------|
| | | | | Г | | | | | | |
| न | Original | į | | | | | İ | | | |
| Final | ıġi | | | | l | | l | | | |
| - | Ö | | | | | | | | | |
| | 101 | | ├ | - | \vdash | \vdash | \vdash | \vdash | - | Н |
| ├ | 101 | | - | <u> </u> | <u> </u> | - | ├ | - | | Н |
| - | 102 | | | | <u> </u> | _ | ⊢ | <u> </u> | - | \vdash |
| <u> </u> | 103 | _ | <u> </u> | _ | _ | _ | <u> </u> _ | <u> </u> | | |
| - | 104 105 106 | _ | _ | _ | _ | ļ., | ┡ | <u> </u> | ╙ | |
| <u> </u> | 105 | _ | | <u> </u> | | | <u> </u> | L | <u> </u> | |
| | 106 | | | _ | | | _ | <u> </u> | | Ш |
| <u></u> | 107 | | <u> </u> | | _ | | <u> </u> | <u> </u> | | Ш |
| | 108 109 | | _ | <u> </u> | _ | | L | <u> </u> | | |
| | 109 | | | L | | | L | | | |
| | 110 | | | | | | | | | |
| | 111 | | | | | | L. | L_ | | |
| | 112 | | | | | | L | L | L | LI |
| | 113 | | | L | | | | | | |
| | 114 | | | | | | | | | |
| | 115 | | | | | | | | | |
| | 111 112 113 114 115 116 117 118 119 120 121 122 123 124 | | | | | | | | | П |
| | 117 | | | | | _ | | _ | | П |
| | 118 | _ | | | | | | | | |
| | 119 | | \vdash | | | | | Т | | |
| | 120 | | | _ | _ | | \vdash | \vdash | \vdash | Н |
| - | 121 | | \vdash | | | - | | \vdash | | Н |
| <u> </u> | 122 | _ | ┢ | - | _ | - | \vdash | ┢ | \vdash | Н |
| \vdash | 123 | _ | - | - | | | \vdash | \vdash | - | Н |
| - | 124 | | \vdash | - | - | - | \vdash | \vdash | \vdash | Н |
| - | 125 | - | - | - | - | \vdash | ⊢ | ⊢ | - | Н |
| \vdash | 125 126 127 | - | \vdash | _ | \vdash | | - | - | - | Н |
| | 120 | - | ⊢ | - | | \vdash | \vdash | \vdash | - | Н |
| - | 127 | | - | | <u> </u> | H | - | | - | Н |
| \vdash | 128 129 130 | | - | ⊢ | <u> </u> | H | ┝ | <u> </u> | - | Н |
| — | 129 | | <u> </u> | ┝ | <u> </u> | | | | L | Н |
| \vdash | 130 | _ | <u> </u> | _ | _ | _ | ļ | <u> </u> | _ | Н |
| | 131 132 | _ | <u> </u> | <u> </u> | <u> </u> | _ | | _ | L | Щ |
| | 132 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | _ | Ш |
| | 133 134 | | <u> </u> | <u> </u> | <u> </u> | _ | | _ | _ | Ш |
| \vdash | 134 | L. | <u> </u> | <u> </u> | <u> </u> | \vdash | <u> </u> | <u> </u> | <u> </u> | Ш |
| | 135 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | _ | Ш |
| <u> </u> | 136 | | | <u> </u> | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | _ | | Ш |
| | 136 137 138 | _ | _ | <u> </u> | | Ш | L_ | | _ | Ш |
| | 138 | | <u> </u> | <u> </u> | L | Ш | $oxed{oxed}$ | | L_ | Ш |
| | 139 140 | | <u>_</u> | | | | | | | |
| | 140 | | Ŀ | | | لبلا | <u> </u> | | Ш | \Box |
| | 141 | | | L_] | | | | | | |
| | 142 | | | | | | | L | | |
| | 143 | | | | | | | | | |
| | 144 | | | | | | | | | |
| | 145 | | | | | | | | | |
| | 146 | | | | | | | | | П |
| | 147 | | | | | | П | | | \Box |
| | 148 | $\overline{}$ | Н | Г | | _ | | | П | Н |
| \vdash | 149 | | Н | Н | | | | | П | $\vdash \vdash$ |
| | 150 | | _ | | | | | | | \vdash |
| | | | Ц | | | ш | L | | | لـــا |